DRAFT
Specifications for WSBIS Archive Database
June 2017

The proposal is to create a new database BridgeInventoryArchive which retains all the records currently maintained in BridgeInventory.   BridgeInventory would then have most of the historic CDs removed.   Anyone with WSBIS (the application) would be able to access BridgeInventoryArchive simply by selecting that database in the start menu, though no one could create new UCD's.

Some Proposed Ideas/issues:

1. BridgeInventoryArchive will hold only MCDs, updated nightly as CD's are released.

2. BEISt will display data from BridgeInventoryArchive and BridgeInventory as needed.

3. A single global pdf report will be generated holding ALL business data for every released CD, starting with the implementation of BridgeInventoryArchive.   The existing SIA reports will also be generated the same way, and both available on BEISt.

4. BridgeInventory will only retain something like 2 to 6 years of CD's.   This may be variable depending on the structures involved, or fixed.   Exact specifications for this parameter will need further discussion and evaluation.

5. BridgeInventory will keep a log of all MCD's, and this log will be viewable in WSBIS (the application) even when connected to BridgeInventory.   This log will hold the following data: CD guid, CD release date, "primary" CD report type, and "primary" CD report type notes.   "Primary" means the highest priority report type included in that CD.   More discussion needed on how to implement this.

6. Obsoleted structures will be retained in BridgeInventoryArchive, but deleted from BridgeInventory.

7. BEISt will be upgraded to display obsolete structure information.

8. ContactHistory will interact with BridgeInventoryArchive   and BridgeInventory as needed.

9. RL.net will need more evaluation, but if BridgeInventory retains several years of CD's (see Item 4 above) it should be sufficient to work in BridgeInventory.